

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Therminol® 66 Heat Transfer Fluid

Product code : 34131-00, P3413103, P3413100, P3413101, P3413104, P3413105, E3413101

REACH Registration Number : 01-2119488183-33-0000

Substance name : terphenyl, hydrogenated

CAS-No. : 61788-32-7

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-
stance/Mixture : Heat transfer fluids

Recommended restrictions : None known.
on use

1.3 Details of the supplier of the safety data sheet

Company : Eastman Chemical Company
200 South Wilcox Drive
37660-5147 Kingsport

Telephone : +14232292000

E-mail address of person
responsible for the SDS : Visit our website at www.EASTMAN.com or email
emnmsds@eastman.com

1.4 Emergency telephone number

NCEC +44 (0)1235 239 670

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Long-term (chronic) aquatic hazard, Category 2 H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version 6.3 Revision Date: 04.04.2025 SDS Number: 150000093438 Date of last issue: 04.03.2025
Date of first issue: 18.09.2013

Hazard pictograms :



Hazard statements : H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P273 Avoid release to the environment.
Response:
P391 Collect spillage.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name : terphenyl, hydrogenated

CAS-No. : 61788-32-7

Components

| Chemical name | CAS-No. EC-No. | Concentration (%) w/w | M-Factor, SCL, ATE |
|-------------------------|-------------------------|--------------------------|--------------------|
| terphenyl, hydrogenated | 61788-32-7 262-967-7 | 100 | |

Eastman is committed to the safety, health and environment of our employees, our customers, and the communities we operate within. As part of this commitment, Eastman's Safety Data Sheets (SDS) are prepared in accordance with all applicable national and local regulations. The compositions of our documents reflect these requirements which include, but are not limited to, requirements under the Globally Harmonized System of Classification and Labeling (GHS). These compositions commonly involve the use of ranges versus specific analytical values. If you require a composition that is more

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

specific, please refer to the Certificate of Analysis, sales specification, or contact your Customer Service Representative.

SECTION 4: First aid measures

4.1 Description of first aid measures

- If inhaled : Remove person to fresh air and keep comfortable for breathing.
If breathing is difficult, give oxygen.
Get medical attention if symptoms occur.
- In case of skin contact : Wash off with soap and plenty of water.
Get medical attention if symptoms occur.
Wash contaminated clothing before reuse.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
Get medical attention if symptoms occur.
- If swallowed : Call a physician or poison control centre immediately.
Do NOT induce vomiting.
Rinse mouth.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : The molten product can cause serious burns.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water spray
Carbon dioxide (CO₂)
Dry chemical
Foam
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

- Hazardous combustion products : Hazardous decomposition products due to incomplete combustion
Carbon oxides

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

Further information : Use a water spray to cool fully closed containers.
Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ventilate the area.
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Avoid contact with skin and eyes.
Material can create slippery conditions.
Wear appropriate personal protective equipment.
Local authorities should be advised if significant spillages cannot be contained.

6.2 Environmental precautions

Environmental precautions : Clear up spills immediately and dispose of waste safely.
Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapors or spray mist.
Handle product only in closed system or provide appropriate exhaust ventilation at machinery.
In case of insufficient ventilation, wear suitable respiratory equipment.
Keep away from flames and sparks.
Wear appropriate personal protective equipment.
Avoid contact with skin, eyes and clothing.
Wash thoroughly after handling.
Wash contaminated clothing before reuse.
Drain or remove substance from equipment prior to break-in or maintenance.
Handle in accordance with good industrial hygiene and safety practice.

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep container tightly closed in a dry and well-ventilated areas and containers place. Keep in a cool place away from oxidizing agents.

7.3 Specific end use(s)

Specific use(s) : Heat transfer fluids

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|-------------------------|--------------------|-----------------|--------------------------------------|--------------------|
| terphenyl, hydrogenated | Workers | Skin contact | Long-term exposure, Systemic effects | 0,622 mg/kg bw/day |
| | Workers | Inhalation | Long-term exposure, Systemic effects | 2,01 mg/m3 |
| | General Population | Skin contact | Long-term exposure, Systemic effects | 0,222 mg/kg bw/day |
| | General Population | Oral | Long-term exposure, Systemic effects | 74 µg/kg bw/day |
| | General Population | Inhalation | Long-term exposure, Systemic effects | 0,358 mg/m3 |

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

| Substance name | Environmental Compartment | Value |
|-------------------------|---------------------------|-------------|
| terphenyl, hydrogenated | Fresh water | 2 µg/l |
| | Marine water | 0,2 µg/l |
| | Intermittent | 13,4 mg/l |
| | Fresh water sediment | 63,2 mg/kg |
| | Remarks:dry | |
| | Marine sediment | 6,32 mg/kg |
| | Remarks:dry | |
| | Soil | 12,6 mg/kg |
| | Remarks:dry | |
| | Sewage treatment plant | 10,3 mg/l |
| Terphenyl | Secondary Poisoning | 2,22 mg/kg |
| | Remarks:food | |
| | Fresh water | 0,322 µg/l |
| | Marine water | 0,032 µg/l |
| | Fresh water sediment | 0,377 mg/kg |
| | Remarks:dry | |
| | Marine sediment | 0,038 mg/kg |
| | Remarks:dry | |
| Soil | 0,631 mg/kg | |
| Remarks:dry | | |

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

8.2 Exposure controls

Engineering measures

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal protective equipment

Eye/face protection : Wear safety glasses with side shields (or goggles).

Hand protection

Remarks : Wear suitable gloves. When handling hot material, use heat resistant gloves.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.
Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable.
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid

Colour : colourless, light yellow

Odour : characteristic

Odour Threshold : not determined

Melting point/ range : < -24 °C (1.013 hPa)

Boiling point/boiling range : 359 °C (1.013 hPa)

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

Upper explosion limit / Upper flammability limit : not determined

Lower explosion limit / Lower flammability limit : not determined

Flash point : 170 °C
Method: Pensky-Martens closed cup
184 °C
Method: Cleveland open cup

Auto-ignition temperature : 374 °C (1.013 hPa)
Method: ASTM E659

Decomposition temperature : not determined

pH : not determined

Viscosity
Viscosity, dynamic : not determined

Viscosity, kinematic : 133 mm²/s (20 °C)
29,6 mm²/s (40 °C)
3,8 mm²/s (100 °C)

Solubility(ies)
Water solubility : 0,061 mg/l (20 °C)

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 0,00174 hPa (20 °C)

Relative density : 1,013 (20 °C)

Relative vapour density : not determined

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

9.2 Other information

| | | |
|----------------------|---|----------------|
| Explosives | : | Not classified |
| Oxidizing properties | : | Not classified |
| Evaporation rate | : | not determined |

SECTION 10: Stability and reactivity

10.1 Reactivity

None reasonably foreseeable.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

10.4 Conditions to avoid

Conditions to avoid : Heating in air.
Keep away from flames and sparks.

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6 Hazardous decomposition products

Emits acrid smoke and fumes when heated to decomposition.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Components:

terphenyl, hydrogenated:

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

Acute oral toxicity : LD50 Oral (Rat): > 10.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 4,7 mg/l
Exposure time: 4 h
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : No data available

Components:

terphenyl, hydrogenated:

Species : Rabbit
Exposure time : 24 h
Result : none

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks : No data available

Components:

terphenyl, hydrogenated:

Species : Rabbit
Exposure time : 24 h
Result : none

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks : No data available

Components:

terphenyl, hydrogenated:

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

Species : Humans
Result : Not a skin sensitizer.

Germ cell mutagenicity

Not classified based on available information.

Components:

terphenyl, hydrogenated:

Genotoxicity in vitro : Test Type: Mutagenicity - Bacterial
Method: Bacterial Reverse Mutation Assay
Result: negative

Test Type: Chromosome aberration test in vitro
Method: In vitro Mammalian Cell Gene Mutation Test
Result: negative

Test Type: Mutagenicity - Mammalian
Result: negative

Genotoxicity in vivo : Species: Rat
Method: Mammalian Bone Marrow Chromosome Aberration
Test
Result: negative

Carcinogenicity

Not classified based on available information.

Product:

Species : Mouse, male and female
Application Route : Dermal
Remarks : Not classified

Reproductive toxicity

Not classified based on available information.

Product:

Effects on fertility : Remarks: No data available

STOT - single exposure

Not classified based on available information.

Product:

Remarks : No data available

STOT - repeated exposure

Not classified based on available information.

Product:

Remarks : No data available

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

Repeated dose toxicity

Components:

terphenyl, hydrogenated:

| | | |
|-------------------|---|------------|
| Species | : | Rat |
| NOAEL | : | 12 mg/kg |
| LOAEL | : | 120 mg/kg |
| Application Route | : | Oral Study |
| Exposure time | : | 90 d |

| | | |
|-------------------|---|-------------|
| Species | : | Rabbit |
| NOAEL | : | 2.000 mg/kg |
| Application Route | : | Dermal |

Aspiration toxicity

Not classified based on available information.

Product:

No data available

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Experience with human exposure

Product:

| | | |
|--------------|---|----------------------|
| Inhalation | : | Remarks: None known. |
| Skin contact | : | Remarks: None known. |
| Eye contact | : | Remarks: None known. |
| Ingestion | : | Remarks: None known. |

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1 mg/l
Exposure time: 48 h

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (algae)): 56 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOELR: 1 mg/l
End point: mortality
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

Components:

terphenyl, hydrogenated:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l
Exposure time: 96 h
Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOELR: 1 mg/l
End point: mortality
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

12.2 Persistence and degradability

Components:

terphenyl, hydrogenated:

Biodegradability : Result: Partially biodegradable.

12.3 Bioaccumulative potential

Components:

terphenyl, hydrogenated:

Bioaccumulation : Bioconcentration factor (BCF): 700 - 5.200

Partition coefficient: n-octanol/water : log Pow: > 6,5

12.4 Mobility in soil

Components:

terphenyl, hydrogenated:

Distribution among environmental compartments : log Koc: 5,5

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains components considered to

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

Components:

terphenyl, hydrogenated:

Assessment : Substance is very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

SECTION 14: Transport information

14.1 UN number or ID number

| | |
|------|-----------|
| ADN | : UN 3082 |
| ADR | : UN 3082 |
| IMDG | : UN 3082 |
| IATA | : UN 3082 |

14.2 UN proper shipping name

| | |
|------|--|
| ADN | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (terphenyl, hydrogenated) |
| ADR | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (terphenyl, hydrogenated) |
| IMDG | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (terphenyl, hydrogenated) |
| IATA | : Environmentally hazardous substance, liquid, n.o.s. (terphenyl, hydrogenated) |

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

14.3 Transport hazard class(es)

| | Class | Subsidiary risks |
|-------------|-------|------------------|
| ADN | : 9 | |
| ADR | : 9 | |
| IMDG | : 9 | |
| IATA | : 9 | |

14.4 Packing group

ADN
Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9

ADR
Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (-)
Remarks : Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification.

IMDG
Packing group : III
Labels : 9
EmS Code : F-A, S-F
Remarks : Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification.

IATA (Cargo)
Packing instruction (cargo aircraft) : 964
Packing instruction (LQ) : Y964
Packing group : III
Labels : Miscellaneous
Remarks : Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification.

IATA (Passenger)
Packing instruction (passenger aircraft) : 964
Packing instruction (LQ) : Y964
Packing group : III
Labels : Miscellaneous
Remarks : Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification.

14.5 Environmental hazards

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

ADN

Environmentally hazardous : yes

ADR

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

14.6 Special precautions for user

Remarks : Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification. Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59) : terphenyl, hydrogenated

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E2 ENVIRONMENTAL HAZARDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL

AIC : On the inventory, or in compliance with the inventory

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

| | | |
|-------|---|---|
| ISHL | : | On the inventory, or in compliance with the inventory |
| KECI | : | On the inventory, or in compliance with the inventory |
| PICCS | : | On the inventory, or in compliance with the inventory |
| IECSC | : | On the inventory, or in compliance with the inventory |
| TCSI | : | On the inventory, or in compliance with the inventory |
| TSCA | : | All substances listed as active on the TSCA inventory |

15.2 Chemical safety assessment

YES

SECTION 16: Other information

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

SAFETY DATA SHEET

EASTMAN

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

Further information

Other information : www.therminol.com/products/

Sources of key data used to compile the Safety Data Sheet : Chemical Safety Report

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

ZW / EN

SAFETY DATA SHEET



according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

Therminol® 66 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 04.03.2025 |
| 6.3 | 04.04.2025 | 150000093438 | Date of first issue: 18.09.2013 |

Annex: Exposure Scenarios

Table of Contents

| Number | Title |
|--------|-------|
|--------|-------|